

Exam Date & Time: 24-Sep-2021 (01:30 PM - 03:30 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

ENVIRONMENTAL SCIENCES [PMA-BP206T]

Marks: 50

Duration: 120 mins.

I Long Answers

Answer all the questions.

- 1) Define Environment. Explain the various components of environment. Enlist the names of few personalities and their contributions towards environmental protection. (10)
- 2) Explain the term "Ecological Succession". Mention the types and mechanism of ecological succession. Write a note on ecological niches. (10)

II Short Answers

Answer all the questions.

- 1) Explain the different types of particulates that cause air pollution. (5)
- 2) What is global warming? List out various measures to check global warming. (5)
- 3) What are biogeochemical cycles? Explain water cycle. (5)
- 4) Explain the flow of energy in ecosystem. (5)
- 5) Explain the role of individuals in conservation of natural resources. (5)
- 6) Explain the important features of Environment Protection Act 1986. (5)

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